SPEAKMAN®

SLV-3080-ADA

Installation, Operation & Maintenance Instructions

SENTINEL MARK II® COMBINATION SERIES

DESCRIPTION

Speakman Sentinel Mark II® Combination, SLV-3080-ADA includes: Trim (CPT-3001), Shower Arm with Wall Flange (S-2500), Hand Shower with Flow Control (VS-100-PC), Shower Arm Bracket, 60in Shower Hose with Built-in Vacuum Breaker, and 24in ADA Combination Grab/Slide Bar (VS-153-ADA). This combination does not include the Shower Valve.

PB This combination should be installed with one of the following Speakman Sentinel Mark II® Pressure Balance Shower Valves

CPV-PB: Pressure Balance Shower Valve
Sweat & Thread Connections

CPV-PB-PXC: Pressure Balance Shower Valve
PEX F1807 Crimp Inlet Connections

CPV-PB-PXE: Pressure Balance Shower Valve
PEX F1960 Cold-Expansion Inlet Connections

T This combination should be installed with one of the following Speakman Sentinel Mark II® Thermostatic Shower Valves

CPV-T: Thermostatic Shower Valve
Sweat & Thread Connections

CPV-T-PXC: Thermostatic Shower Valve
PEX F1807 Crimp Inlet Connections

CPV-T-PXE: Thermostatic Shower Valve
PEX F1960 Cold-Expansion Inlet Connections

SPECIFICATIONS

CPT-3001 SENTINEL MARK II® SHOWER VALVE TRIM:
FINISH: Polished Chrome
COMPLIANCE: ASME A112.18.1 / CSA B125.1 Standard

S-2500 SHOWER ARM WITH WALL FLANGE:
CONNECTIONS: ½" NPT Male Inlet & Outlet
FINISH: Polished Chrome

VS-1001-ADA-PC HANDICAP SHOWER COMBINATION:
VS-100-PC HAND SHOWER WITH FLOW CONTROL:
CONNECTIONS: ½" NPSM Male Inlet
FLOW RATE: 2.5 gpm (9.5 L/min)
FINISH: Polished Chrome
COMPLIANCE: ASME A112.18.1 / CSA B125.1 Standard

SHOWER ARM BRACKET:
CONNECTIONS: ½" NPSM Male Inlet; ½" NPSM Female Outlet
FINISH: Polished Chrome

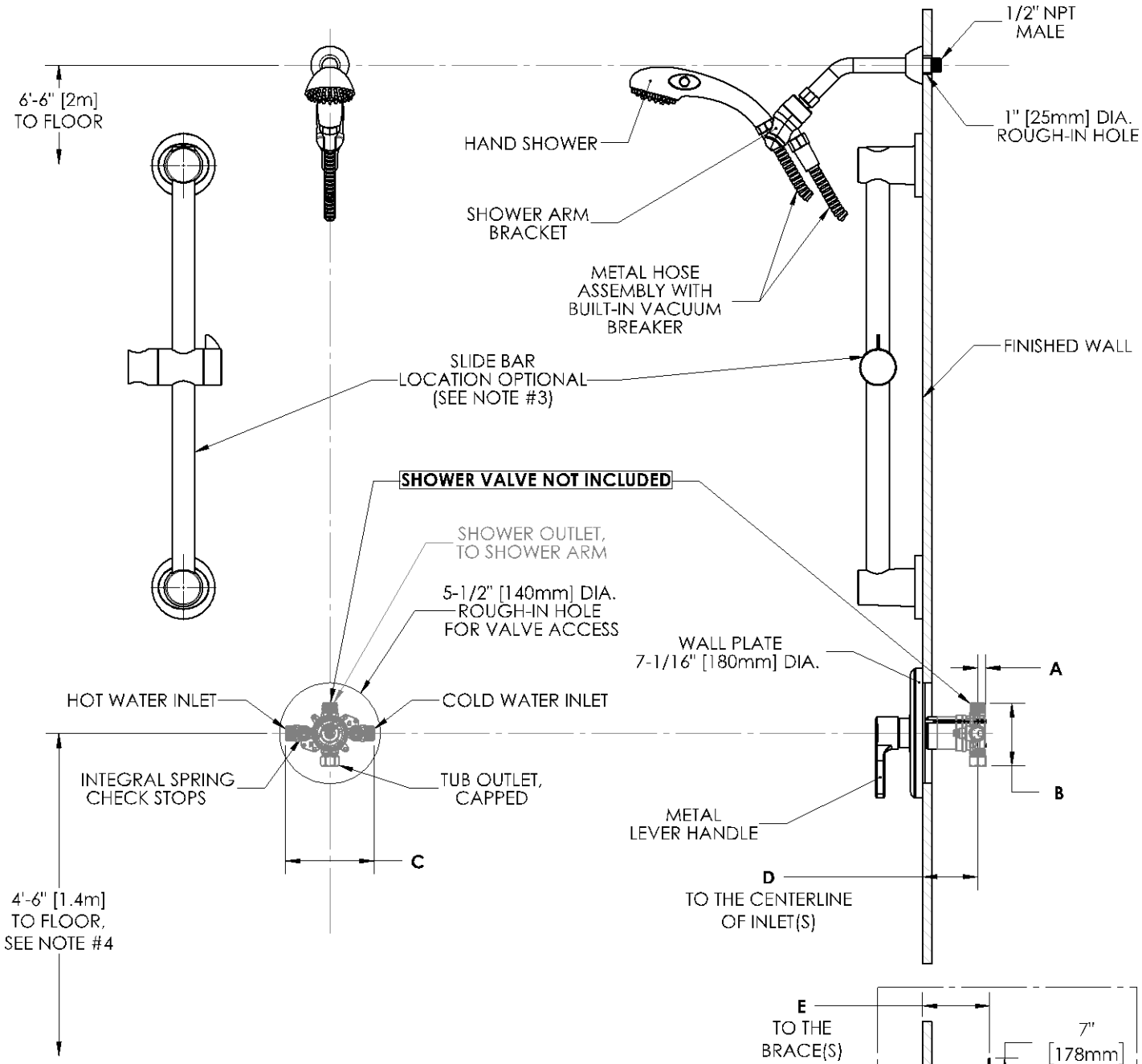
60in SHOWER HOSE (w/ BUILT-IN VACUUM BREAKER):
CONNECTIONS: ½" NPSM Female Inlet & Outlet
FINISH: Polished Chrome

VS-153-ADA 24in ADA COMBINATION GRAB/SLIDE BAR:
FINISH: Polished Chrome
COMPLIANCE: Meets 250 lbs. pull test for Grab Bars per ANSI Standard; Meets requirements of ADA
Lever Handle for adjusting Slide Bar

INSTRUCTIONS

See individual products for installation of the components and warranty information.

ROUGH-IN



NOTES:

1. ALL DIMENSIONS ARE IN INCHES [MILLIMETERS] UNLESS OTHERWISE SPECIFIED AND ARE SUBJECT TO CHANGE WITHOUT NOTICE.
2. ALL INLETS AND OUTLETS ARE 1/2" FEMALE COPPER SWEAT AND 1/2" MALE NPT UNLESS OTHERWISE SPECIFIED.
3. THE LOCATION OF THE SLIDE BAR IS OPTIONAL, BUT RESTRICTED BY THE 60" HOSE LENGTH RUNNING FROM THE SHOWER ARM BRACKET TO THE HAND SHOWER.
4. FOR ADA MOUNTING LOCATIONS CONSULT ADA ACCESSIBILITY GUIDELINES (ADAAG), ANSI A117.1STANDARD, OR STATE REGULATIONS.

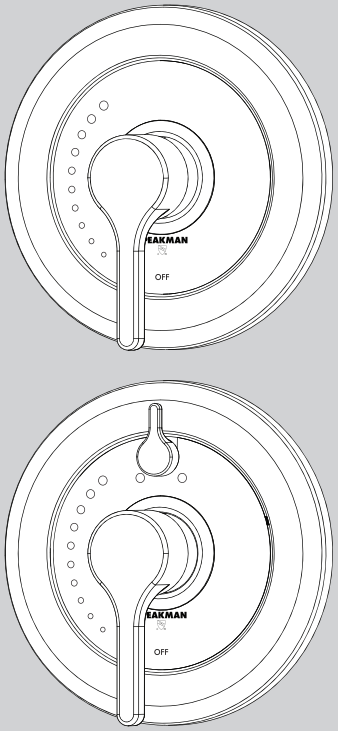
DIMENSION	CPV-PB	CPV-T	CPV-PB-PXC	CPV-PB-PXE	CPV-T-PXC	CPV-T-PXE
A	7/16" (11mm)	1/2" (12mm)	7/16" (11mm)		1/2" (12mm)	
B	3-5/16" (84mm)	3-1/2" (89mm)	3-5/16" (84mm)		3-1/2" (89mm)	
C	4-13/16" (123mm)	5-7/8" (150mm)	4-13/16" (123mm)		5-7/8" (150mm)	
D	2-1/2" (63mm) MIN TO 3-1/2" (89mm) MAX					
E			3-1/8" (79mm) MIN TO 4-1/8" (105mm) MAX		3-3/16" (81mm) MIN TO 4-3/16" (106mm) MAX	

SPEAKMAN®

Phone: 800-537-2107 Fax: 800-977-2747

INSTRUCTIONS FOR MODELS

CPT-3001
CPT-3401



NEED HELP?

For additional assistance or service please contact:

SPEAKMAN®

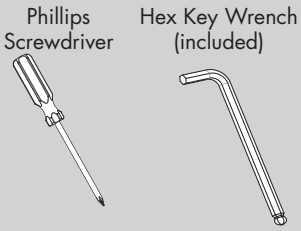
800-537-2107

customerservice@speakman.com

www.speakman.com

92-CPT-3001-01

TOOLS AND SUPPLIES



IMPORTANT

- Be sure to read instructions thoroughly before beginning installation.
- Be sure to have properly adjusted the Temperature Limiting Stop (TLS) as outlined in the Valve Installation Manual.
- Cover your drain to prevent loss of parts. Be sure to wear eye protection while cutting pipe.

MAINTENANCE

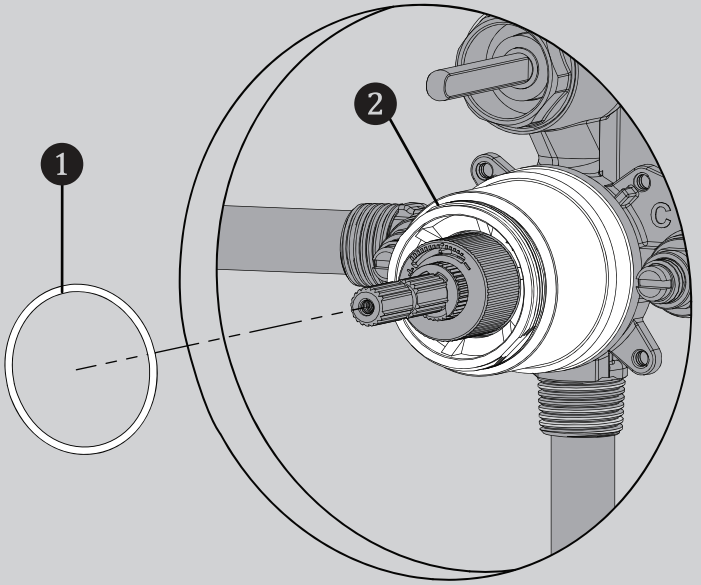
Your new Valve Trim is designed for years of trouble-free performance. Keep it looking new by cleaning it periodically with a soft cloth. The use of harsh chemicals and abrasives on any of the Speakman custom finish products may damage the finish and void the product warranty. Please be sure to only use approved cleaners. Please contact Speakman for any clarification of acceptable cleaners.

WARRANTY

Warranty information can be found at:
www.speakman.com

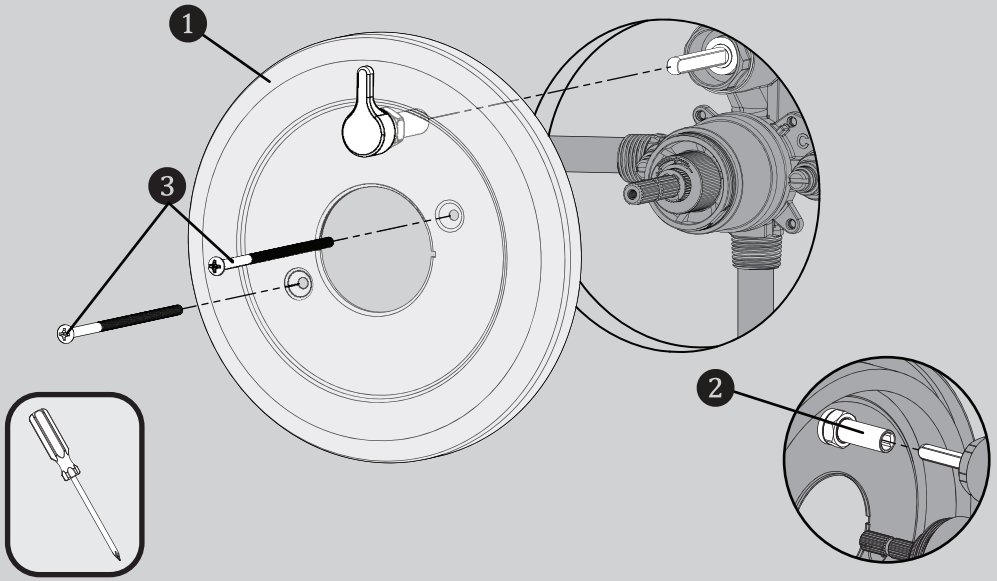
1

OPTIONAL: If a firm fit is required, insert the O-Ring ❶ onto the Bonnet ❷ of the Shower Valve.

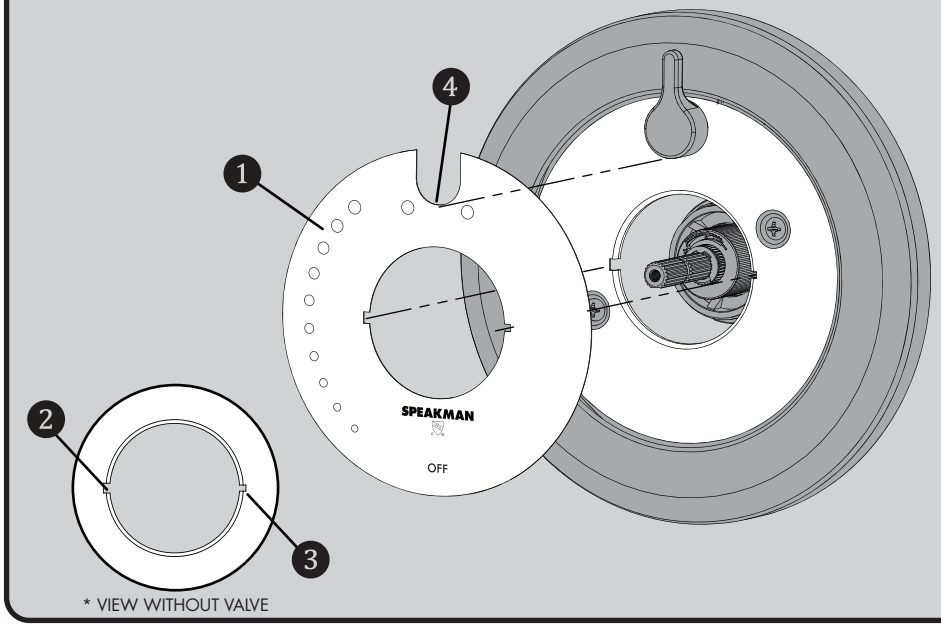


2

Verify that the Valve is in the "OFF" position. Install the Wall Plate ❶ to the Valve. If installing a Diverter model of Trim, align the Diverter Handle to the 12 o'clock position and position the Diverter Drive Tube ❷ over the Diverter Spindle of the Valve. Secure with the included Mounting Screws ❸.

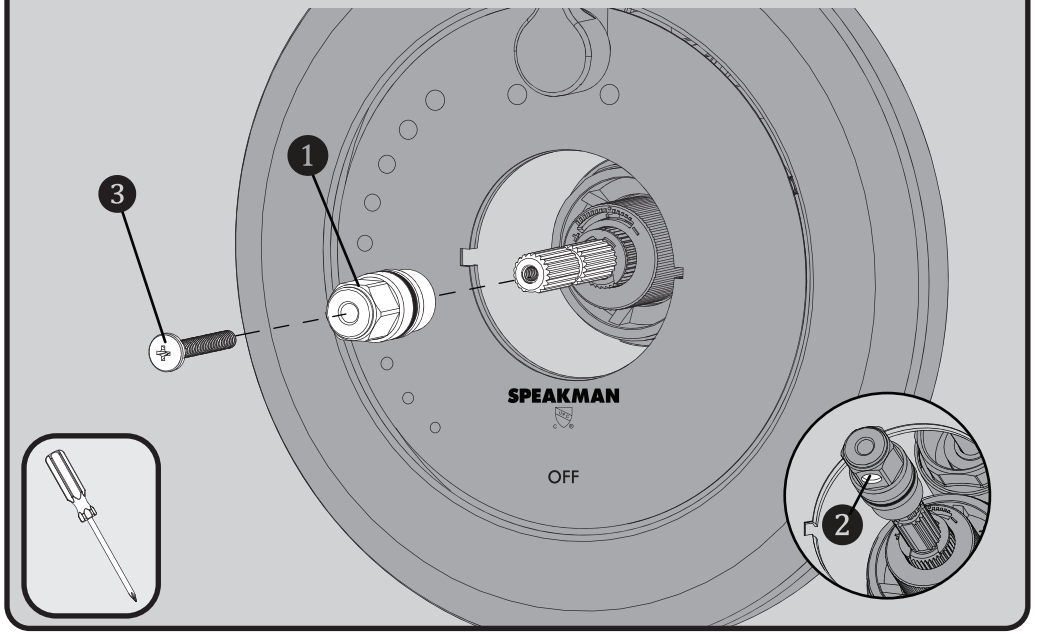


3 Align the Index Plate ❶ with the Large Slot ❷ and Small Slot ❸ on the Wall Plate. If installing onto a Diverter Model, align the U shape ❹ under the Diverter Handle and then align to the slots.

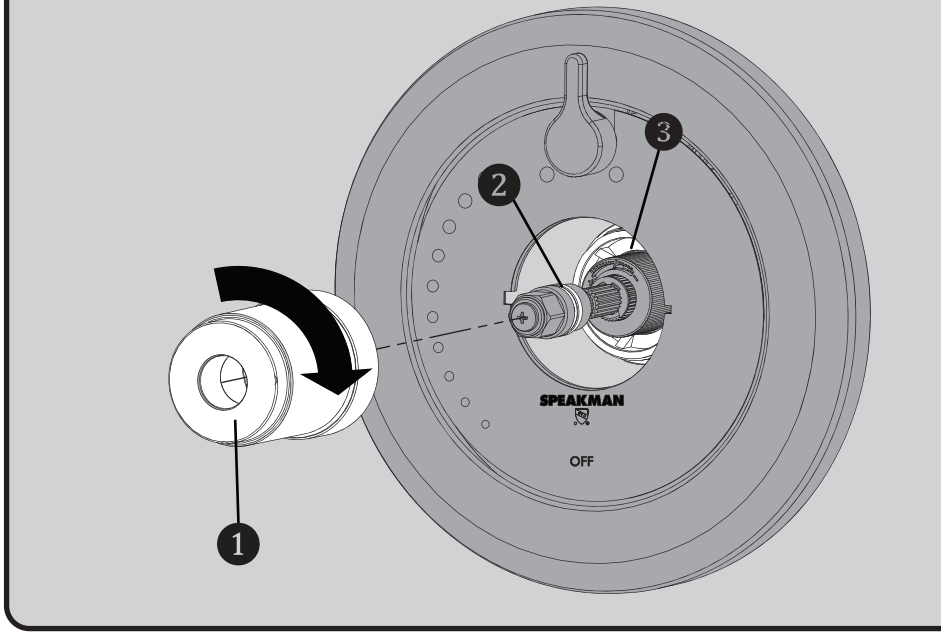


* VIEW WITHOUT VALVE

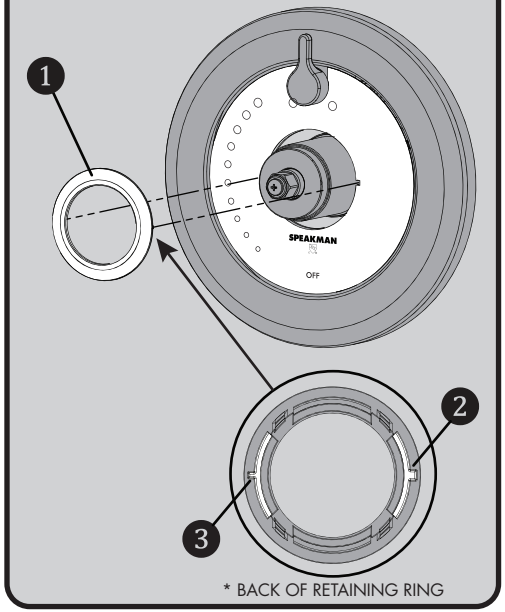
4 Install the Spindle Adapter ❶ (with appropriate O-ring in its place) onto the Spindle so that the Circular Indent ❷ is pointing downward and is horizontal as shown below. Secure the Spindle Adapter with the included Screw ❸.



5 Push the Escutcheon ❶ gently over the O-ring ❷ of Spindle Adapter. Thread the Escutcheon onto the Bonnet ❸ of the Valve. Hand tighten into position.

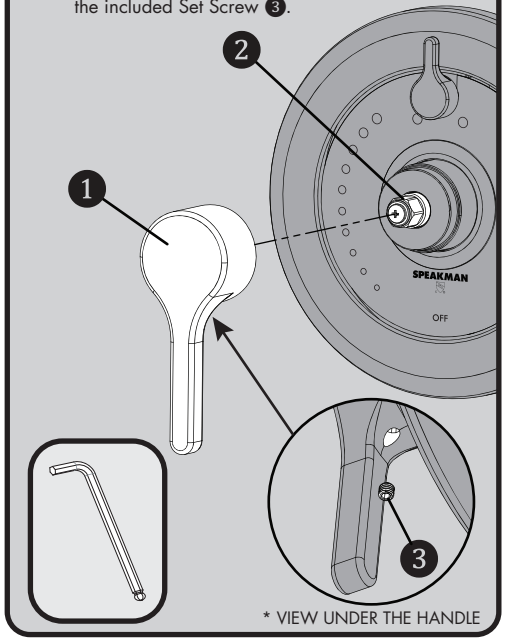


6 Install Retaining Ring ❶. Align the Retaining Ring with the Large Slot ❷ and Small Slot ❸ on the Wall Plate. Snap in place.



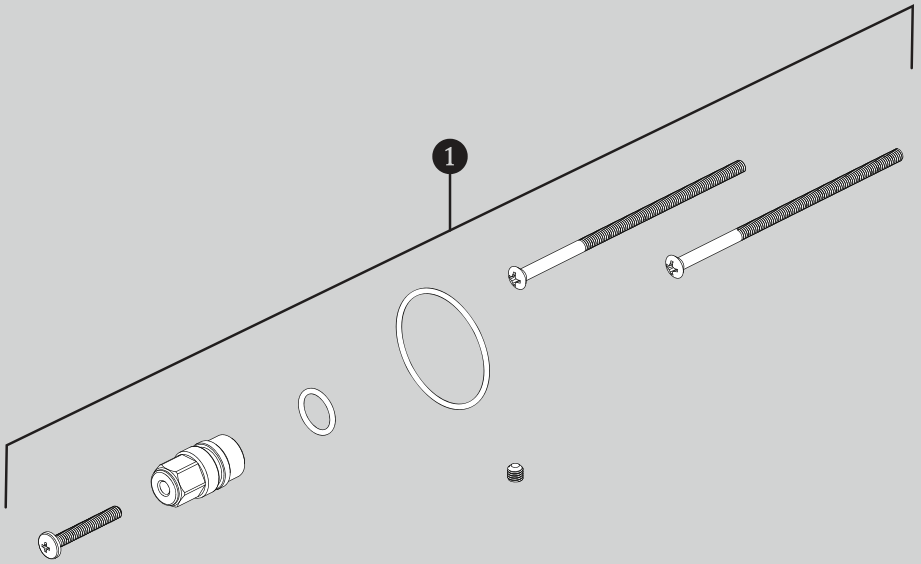
* BACK OF RETAINING RING

7 Orient the Handle ❶ as shown below and position over the Spindle Adapter ❷. Secure with the included Set Screw ❸.



* VIEW UNDER THE HANDLE

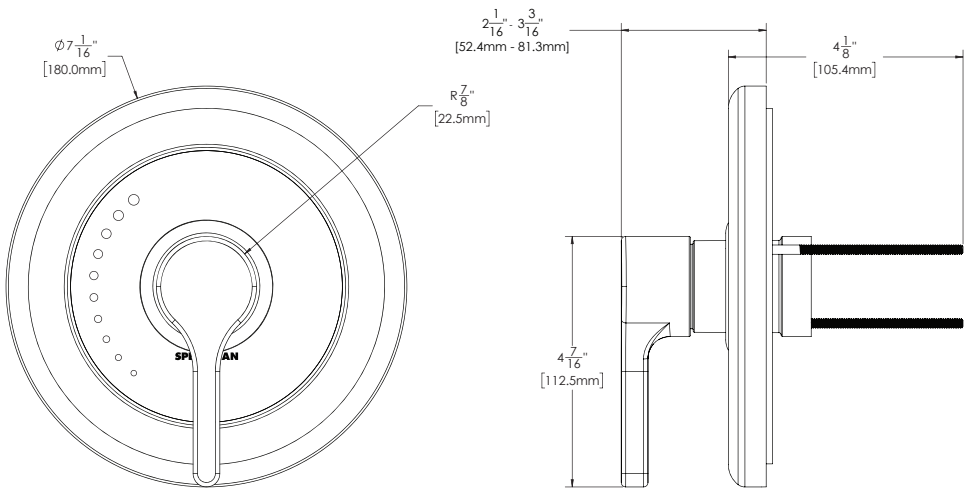
CPT-3001/3401 REPAIR PARTS



ITEM NO.	PART NO.	DESCRIPTION
1	RPG05-1126	REPAIR PARTS GROUP FOR CPT-3X01 TRIMS

CPT-3001 ROUGH-IN DIAGRAM

SPEAKMAN®

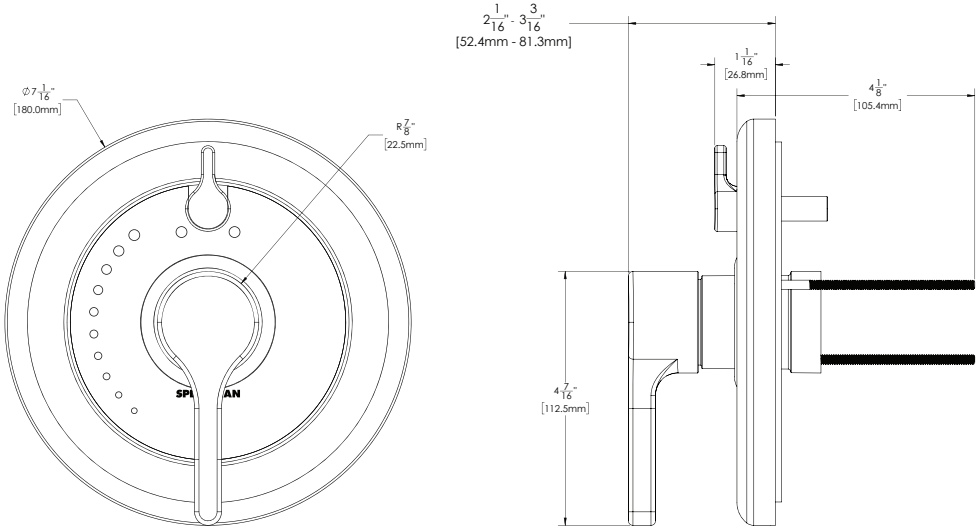


TRIM IS SHOWN AT A ROUGH-IN DEPTH OF 3.0in

DIMENSIONS SUBJECT TO CHANGE WITHOUT NOTICE.

CPT-3401 ROUGH-IN DIAGRAM

SPEAKMAN®

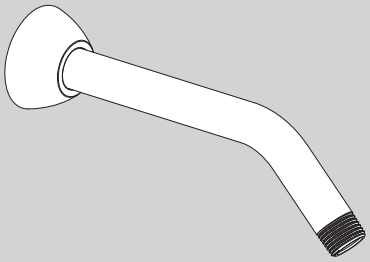


TRIM IS SHOWN AT A ROUGH-IN DEPTH OF 3.0in

DIMENSIONS SUBJECT TO CHANGE WITHOUT NOTICE.

INSTRUCTIONS FOR MODELS

S-2500



NEED HELP?

For additional assistance or service please contact:

SPEAKMAN® Company
400 Anchor Mill Road
New Castle, DE 19720

800-537-2107

customerservice@speakman.com

www.speakman.com

92-S-2500-R5

TOOLS AND SUPPLIES

Thread Seal Tape



⚠ IMPORTANT ⚠

Be sure to read instructions thoroughly before beginning installation. Do not overtighten any connections or damage may occur.

SAFETY TIPS

Cover your drain to prevent loss of parts.

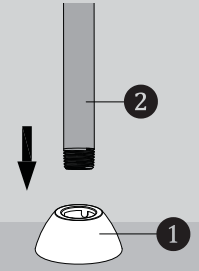
MAINTENANCE

Your new Shower Arm is designed for years of trouble-free performance. Keep it looking new by cleaning it periodically with a soft cloth. Avoid abrasive cleaners, steel wool and harsh chemicals as these will dull the finish and void your warranty.

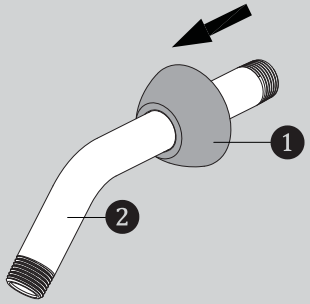
WARRANTY

Additional warranty information can be found at: www.speakman.com

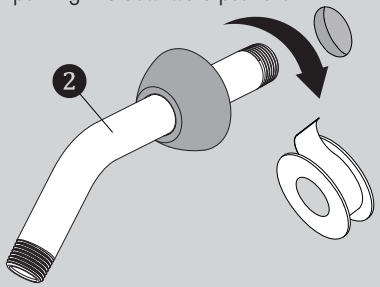
1 Place the Escutcheon Plate (1) on a flat surface. Push the long end of the Shower Arm (2) down into the plate. This will help the teeth of the plate slide over the arm easier.



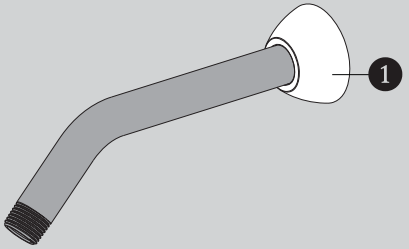
2 Once the Escutcheon Plate (1) is on the shower arm, slide the plate over the Shower Arm (2).



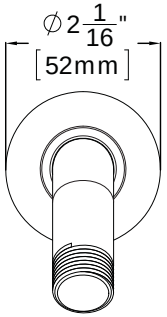
3 Apply Teflon Tape to inlet side of Shower Arm (2). Thread Shower Arm (2) into Female Pipe Fitting within the wall. Firmly tighten, and make sure Shower Arm (2) Outlet is pointing in a downward position.

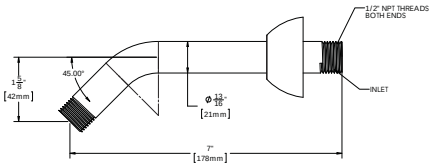


4 Position Escutcheon Plate (1) flat against wall.



ROUGH IN DIMENSIONS





Specifications:

Supply Inlet: 1/2" NPT MALE
Outlet: 1/2" NPT MALE

SPEAKMAN®

VS-2954, VS-1001-ADA-PC

Installation, Maintenance & Operation Instructions

ADA / HANDICAP SHOWER AND BAR

DESCRIPTION

Speakman ADA handicap shower system includes hand held shower (VS-100-PC), 5' stainless steel hose with built in vacuum breaker, shower arm bracket, and 24" grab/ slide bar assembly (VS-153-ADA). Connects to standard shower arm. Shower arm flange (10-0219-PC-P) and 8" shower arm (42-0029-PC) for VS-2954 model only. Chrome handheld shower puts out 2.5 GPM/9.46 LPM to meet ANSI A112.18.1 Standard. ADA Compliant.

SPECIFICATIONS

INLET SUPPLY:

(VS-1001-ADA-PC) ½" NPT FEMALE

(VS-2954) ½" NPT MALE

FLOW RATE: 2.5 GPM/9.46 LPM, MAX., HAND HELD VARIABLE

SHIPPING WEIGHT:

(VS-1001-ADA-PC) 4.5 LBS.

(VS-2954) 4.9 LBS.

INSTALLATION

For VS-2954 model only. Slip the wall flange onto the shower arm. Apply thread seal tape clockwise onto the male threads and screw arm into supply piping behind wall. Wrench tighten. Slip wall flange to wall. Check for leaks.

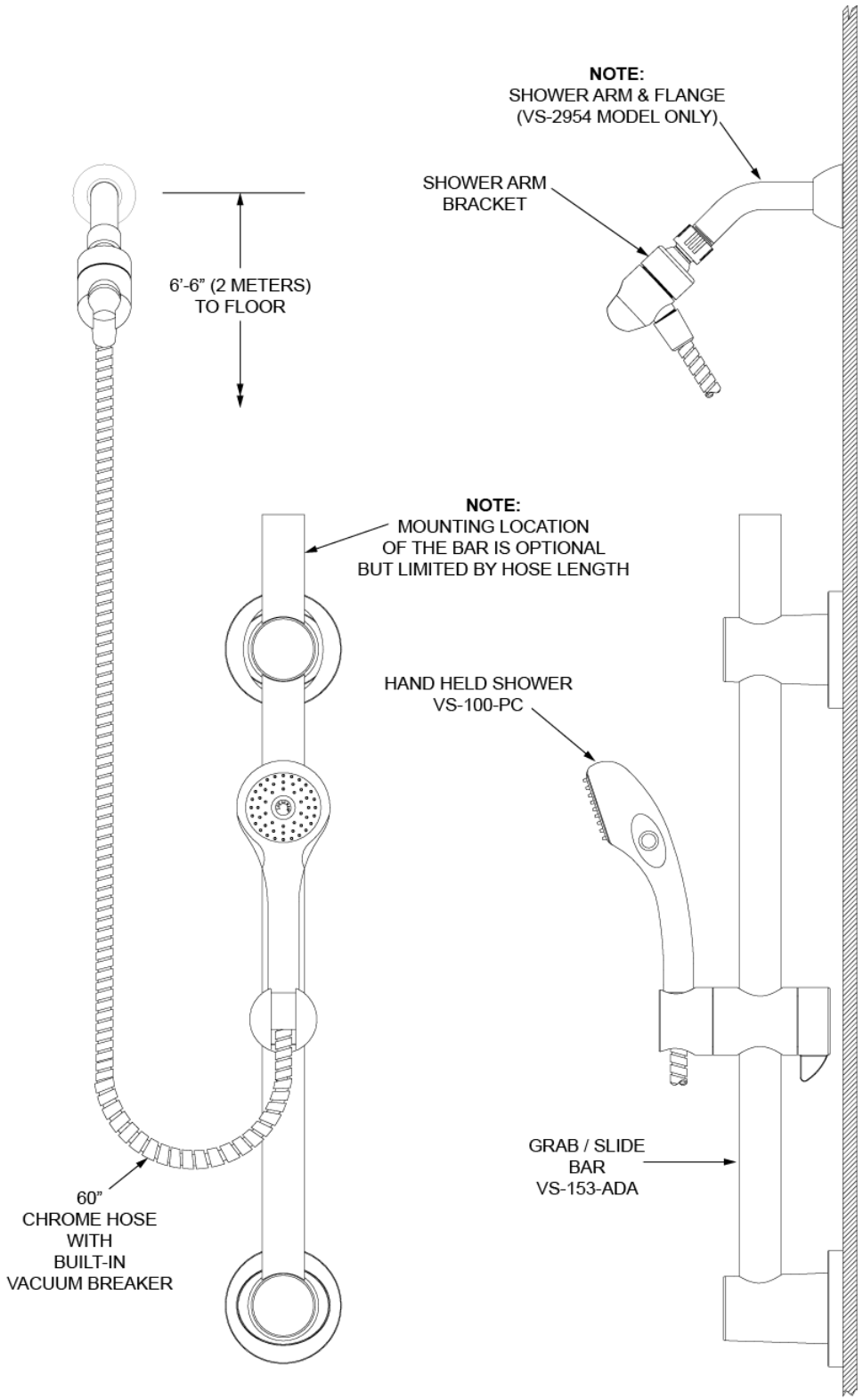
Remove (turn counterclockwise) your existing showerhead from the shower arm. Clean the shower arm threads of any debris and wrap thread seal tape in the clockwise direction around threads. Assemble shower arm bracket to the shower arm. Hand tighten firmly. Assemble the 5' hose to the bottom of the shower arm bracket. Hand tighten firmly. Then attach the other end of the hose to the hand held shower. Make sure the hose to hand held connection seals on the O-ring at the bottom of the hand held to prevent leaks. When installing the bar, the location is optional but limited to the length of the hose. For installation of the grab/ slide bar, hold the bar against the wall in the chosen location. Using a pencil, mark the drill hole positions (4 in total) for the lower and upper mounting brackets. If using as a grab bar, be sure to fasten securely to a wall stud. (Note: upper mounting bracket height is adjustable) To mount the brackets, use a No. 10 (0.1935 inches/5.5mm) masonry drill bit to make a hole approximately 1-3/8 inches (35 mm) deep. Push the plastic anchors (4 in total) into the drilled holes, unless your mounting to wall studs, where anchors can be omitted. (Note: plastic anchors may not be suitable for all types of wall construction, seek professional help if in doubt) Fix upper mounting bracket and then the lower mounting bracket to the wall using four (4) screws provided. Push the bracket covers over the mounting brackets while paying close attention to cover orientation for proper placement.

OPERATION

To operate the handheld shower, push the pause button to one side to bring the flow down to a trickle, then simply push it to the other side to turn the flow back on full force.

MAINTENANCE

The finish of your SPEAKMAN VERSATILE® hand held shower and all the other components can be cleaned by using mild soap and warm water. Dry immediately with a soft, clean cloth for best results. The flow control device limits water flow to 2.5 gallons per minute, and is in the base of the handheld. The small orifice in the flow regulator, resulting in lower flow and a weaker performance, may become clogged. To clean the flow regulator, simply remove the hose from the hand shower and clean as necessary.



NOTE:

1.) ALL DIMENSIONS ARE IN INCHES (MILLIMETERS) UNLESS OTHERWISE SPECIFIED AND ARE SUBJECT TO CHANGE WITHOUT NOTICE
2.) UNLESS OTHERWISE SPECIFIED, ALL INLETS AND OUTLETS ARE 1/2" NPT FEMALE.
3.) THE LOCATION OF THE GRAB/SLIDE BAR IS OPTIONAL, BUT LIMITED BY THE 60" HOSE LENGTH RUNNING FROM THE SHOWER ARM BRACKET LOCATION TO THE HAND HELD SHOWER

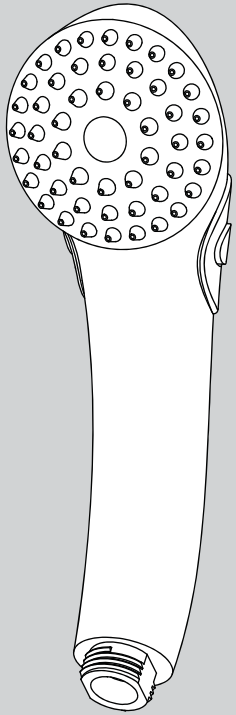
92-2681-02
09/17

SPEAKMAN®

400 Anchor Mill Rd. New Castle, DE 19720 Phone: 800-537-2107 Fax: 800-977-2747

INSTRUCTIONS FOR MODELS

VS-100-PC
VS-100-PC-E2
VS-100-PC-E175



NEED HELP?

For additional assistance or service please contact:

SPEAKMAN® Company
400 Anchor Mill Road
New Castle, DE 19720

800-537-2107

customerservice@speakman.com

www.speakman.com

92-VS-100-PC-04

TOOLS AND SUPPLIES

Thread Seal Tape (included)



⚠ IMPORTANT ⚠

Be sure to read instructions thoroughly before beginning installation. Do not overtighten any connections or damage may occur. This hand shower has an optimal operating range of 20-80 psi.

SAFETY TIPS

Cover your drain to prevent loss of parts.

MAINTENANCE

Periodic cleaning using a mild soap and warm water will help keep your Hand Shower's appearance in its original condition.

For best results, dry immediately with a soft, clean cloth. DO NOT USE harsh and/or abrasive cleaners.

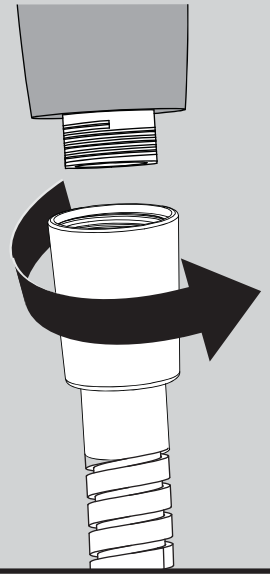
On CHROME PLATED HAND SHOWERS, a two (2) part white vinegar, one (1) part water solution can be used to break down excessive mineral deposits on the sprays. Let the hand shower soak in the solution for about ½ hour then rinse thoroughly. Brush off any remaining mineral deposits if necessary.

DO NOT USE the vinegar/water treatment on any finish other than Chrome.

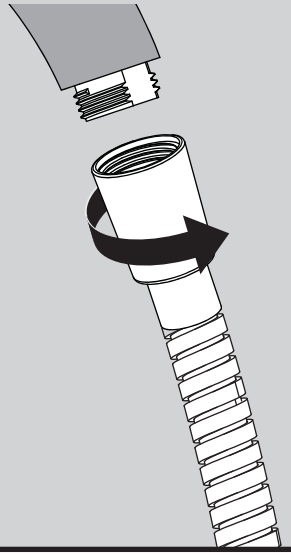
WARRANTY

Additional warranty information can be found at: www.speakman.com

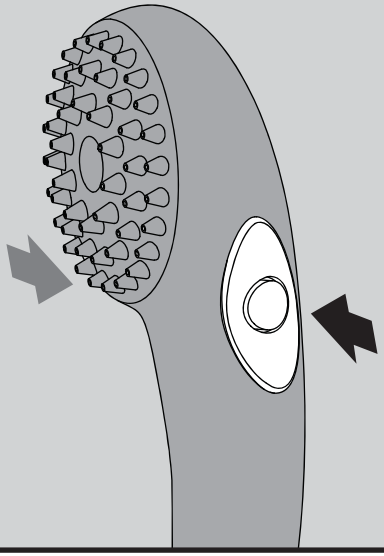
1 Connect the correct side of your hose (not included) to the water supply. Hand tighten.



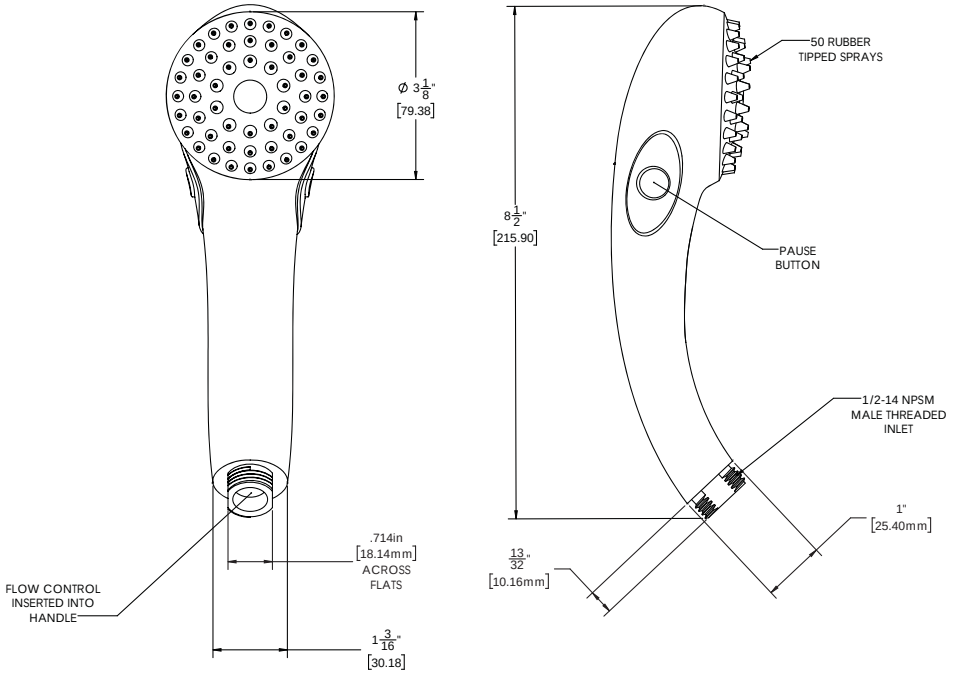
2 Connect remaining end of Hose to inlet of Hand Shower. Hand tighten. If there are leaks at the hose connections, look into using thicker washers to ensure a tight seal.



3 To pause the flow of water, press the integral thumb operated pause/trickle button located on the side of the hand shower. To return the hand held shower to full flow, press the shuttle button from the opposite side.



ROUGH IN DIMENSIONS



VS-100-PC
Max. Flow Rate: 2.5 gpm (9.5L/min)
Min. Flow Rate: 2.0 gpm (7.6 L/min) @ 45psi
FOR USE WITH AUTOMATIC COMPENSATING VALVES
RATED AT 7.6 L/MIN (2.0 GPM) OR LESS.

VS-100-PC-E2
Max. Flow Rate: 2.0 gpm (7.6 L/min)
Min. Flow Rate: 1.5 gpm (5.7 L/min) @ 45psi
FOR USE WITH AUTOMATIC COMPENSATING VALVES
RATED AT 6.6 L/MIN (1.75 GPM) OR LESS.

VS-100-PC-E175
Max. Flow Rate: 1.75 gpm (6.6 L/min)
Min. Flow Rate: 1.3 gpm (4.9 L/min) @ 45psi
FOR USE WITH AUTOMATIC COMPENSATING VALVES
RATED AT 5.7 L/MIN (1.5 GPM) OR LESS.

INSTRUCTIONS FOR MODELS

VS-153-ADA -30 -36
VS-153-30-RT



NEED HELP?

For additional assistance or service please contact:

SPEAKMAN® Company
400 Anchor Mill Road
New Castle, DE 19720

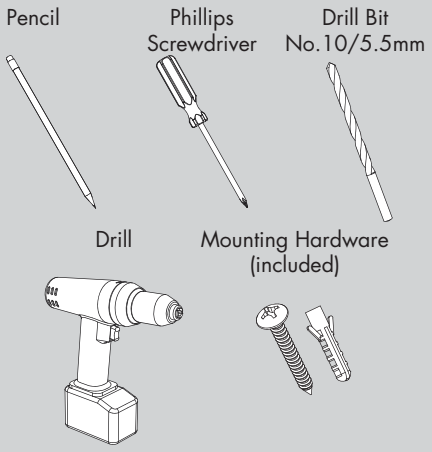
800-537-2107

customerservice@speakman.com

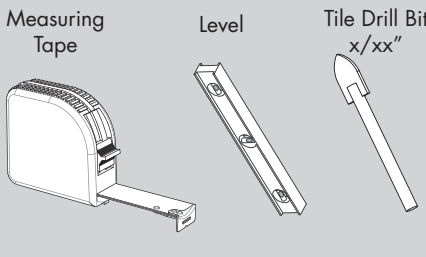
www.speakman.com

92-VS-153-ADA-02

TOOLS AND SUPPLIES



HELPFUL TOOLS & SUPPLIES:



IMPORTANT

- Meets the ANSI standard 250 lbs. pull-test for grab bars and ADA lever handle for adjusting slide bar.
- The VS-153-ADA Slide Bar meets ADA pull force requirements only. It is not intended to replace an ADA Grab Bar.
- Do not over-tighten any connections or damage may occur.
- Be sure to read instructions thoroughly before beginning installation.

SAFETY TIPS

- Cover your drain to prevent loss of parts. Be sure to follow all tool manufacturers safety guidelines.
- Use caution when drilling into walls to avoid electrical and plumbing lines hidden within the wall.

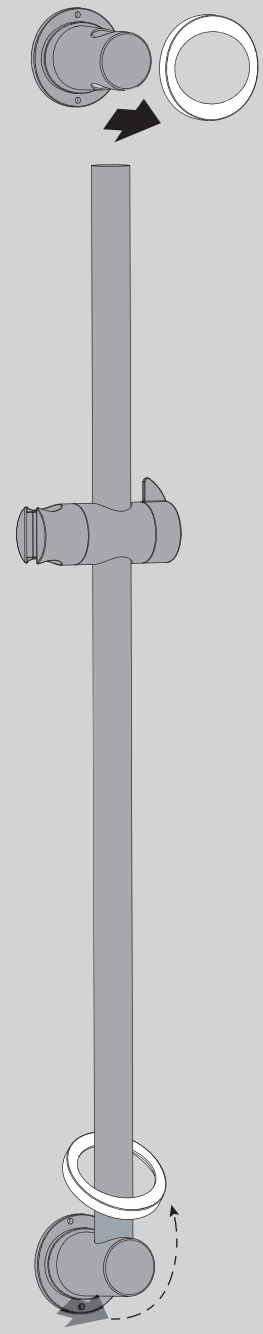
MAINTENANCE

Your new Speakman Product is designed for years of trouble-free performance. Keep it looking new by cleaning it periodically with a soft cloth. The use of harsh chemicals and abrasives on any of the Speakman custom finish products may damage the finish and void the product warranty. Please be sure to only use approved cleaners. Please contact Speakman for any clarification of acceptable cleaners.

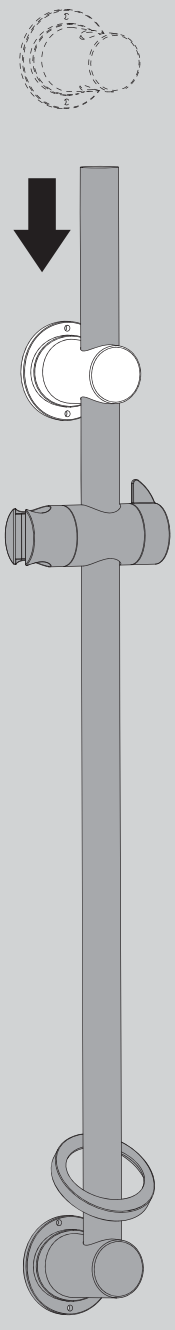
WARRANTY

Additional warranty information can be found at: www.speakman.com

1 Remove Decorative Cover Plate from Upper Mounting Bracket. Slide Lower Decorative Cover Plate up and over Lower Mounting Bracket as shown below.

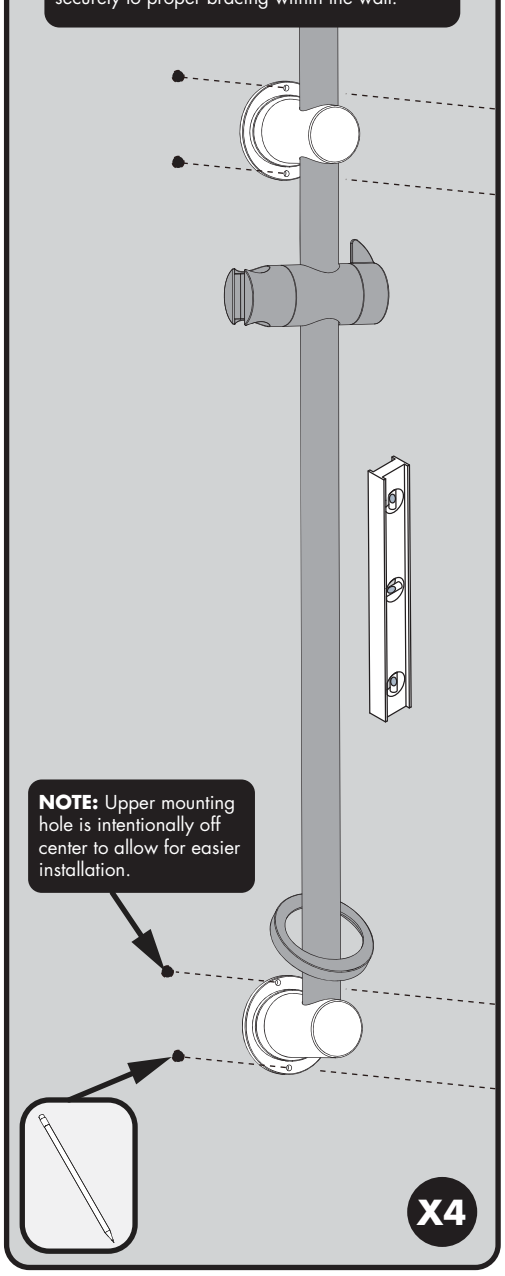


2 Position the Upper Mounting Bracket over the Slide Bar. Ensure the mounting location is within the usable range of the hand shower hose.

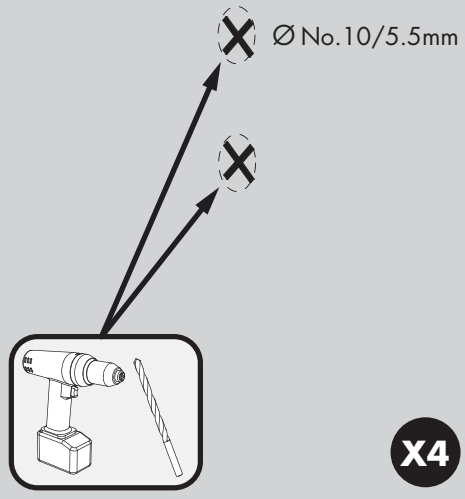


3 Hold the Slide Bar against the wall in the chosen location. Adjust the Upper Mounting Bracket height location. Using a pencil, mark the Drill Hole positions (x4) for the Upper and Lower Mounting Brackets. Ensure the Slide Bar is level vertically.

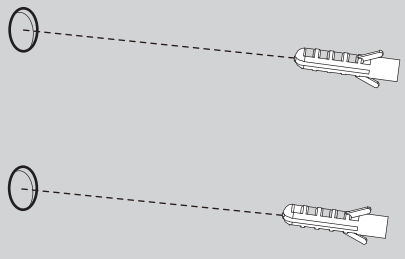
NOTE: If using as a Grab Bar, be sure to fasten securely to proper bracing within the wall.



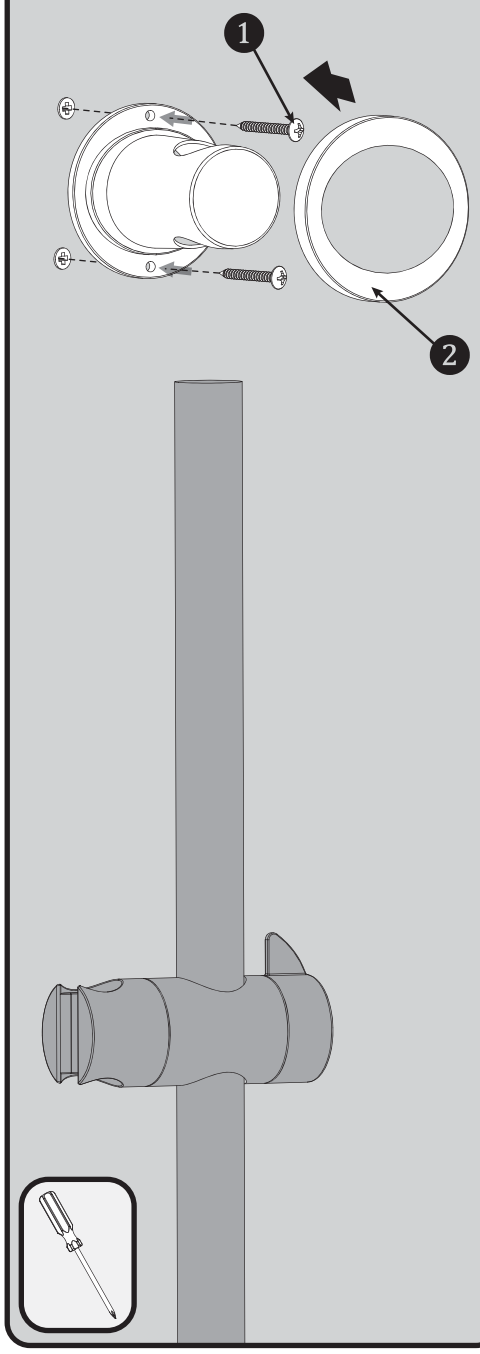
4 **If mounting directly to wood stud or a wood stud behind drywall, proceed to Step 6.** If mounting to tile or masonry wall, Drill holes (x4) in the marked locations using a No. 10 (0.1935 inches/5.5 mm) masonry drill bit to make a hole approximately 1 3/8 inches (35 mm) deep.



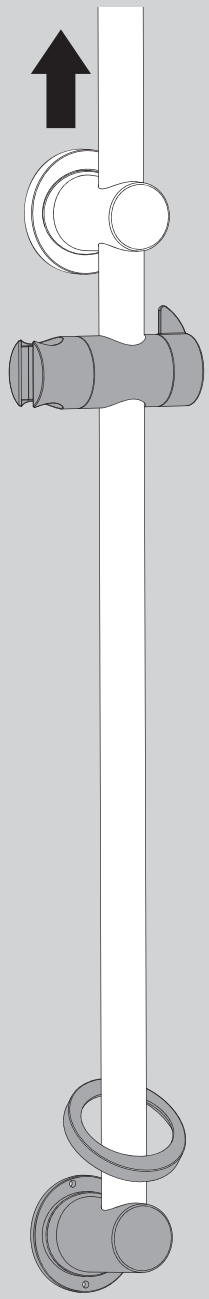
5 Push the Plastic Anchors (x4) into the drilled holes. Ensure the plastic anchors are flush with the wall. (Note: Plastic Anchors provided may not be suitable for all types of wall construction, seek professional help if in doubt).



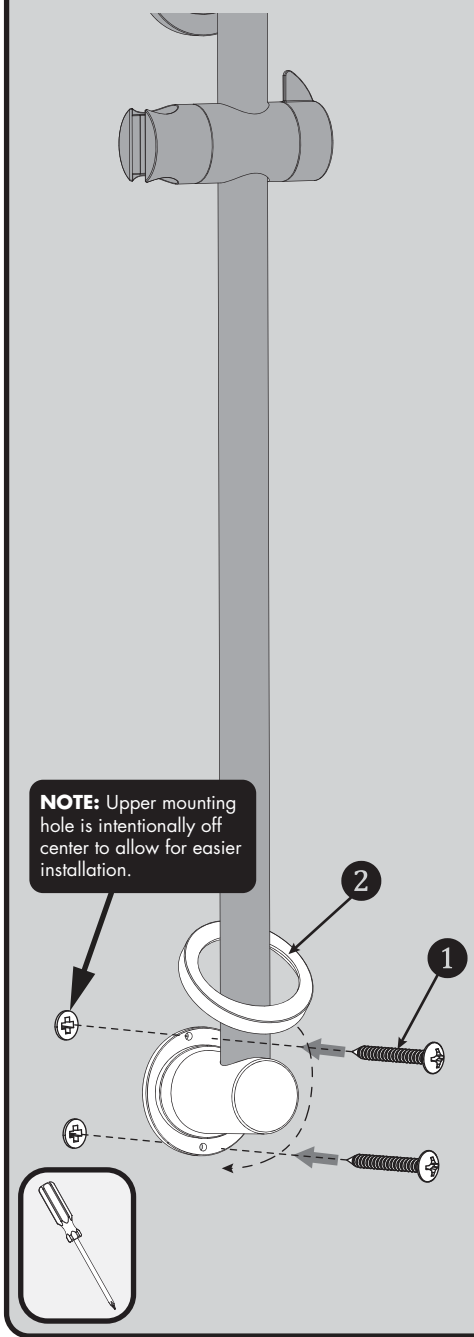
6 Remove Upper Mounting Bracket from Slide Bar. Secure Upper Mounting Bracket in place using the Mounting Screws provided (1) with a Phillips Screwdriver. Reinstall the Decorative Cover Plate (2) to the Upper Mounting Bracket.



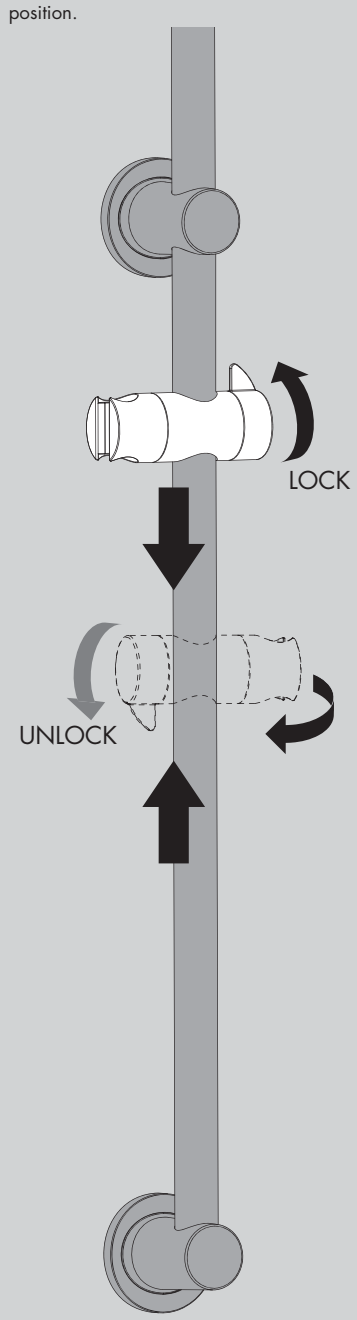
7 Position the Slide Bar flush against the mounting surface and push the Slide Bar through the hole in the Upper Mounting Bracket.



8 Secure the Lower Mounting Bracket (1) in place to the wall using the Mounting Screws provided with a Phillips Screwdriver. Reinstall the Lower Decorative Cover Plate (2) to the Lower Mounting Bracket.



9 Orient the Hand Held Shower Bracket to your desired position. Adjustments are made by rotating the Locking Handle 1/4 turn counter-clockwise to release the position, and 1/4 turn clockwise to lock into the desired position.



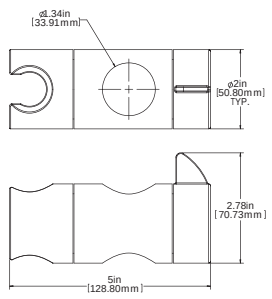
VS-153-ADA ROUGH-IN DIAGRAM SPEAKMAN®

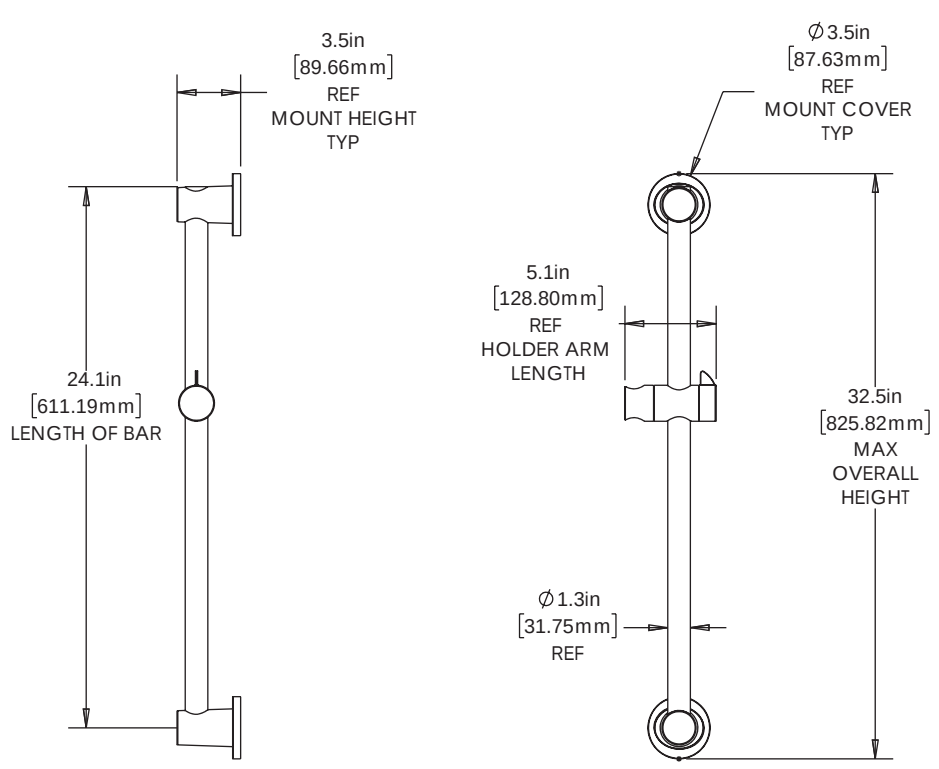
NOTES:

COMPLIANCE:

ADA COMPLIANT

- Meets the ANSI standard 250 lbs. pull-test for grab bars and ADA lever handle for adjusting slide bar.
- The VS-153-ADA Slide Bar meets ADA pull force requirements only. It is not intended to replace an ADA Grab Bar.





DIMENSIONS SUBJECT TO CHANGE WITHOUT NOTICE.

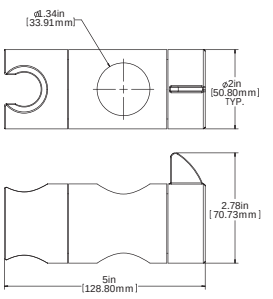
VS-153-ADA-30 / VS-153-30-RT ROUGH-IN DIAGRAM SPEAKMAN®

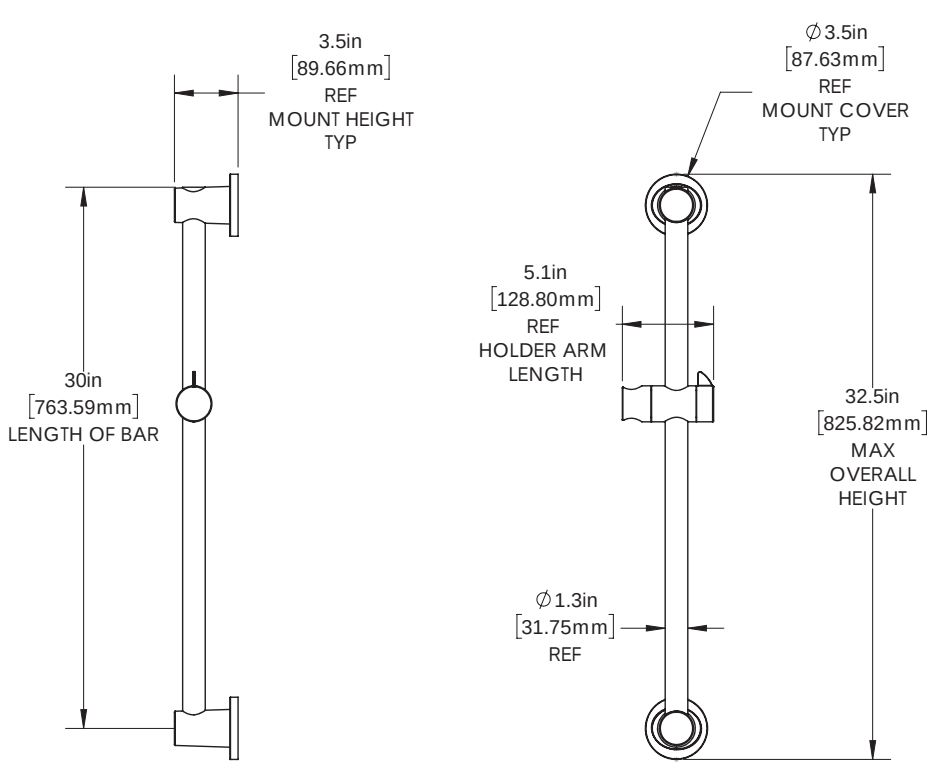
NOTES:

COMPLIANCE:

ADA COMPLIANT

- Meets the ANSI standard 250 lbs. pull-test for grab bars and ADA lever handle for adjusting slide bar.
- The VS-153-ADA Slide Bar meets ADA pull force requirements only. It is not intended to replace an ADA Grab Bar.





DIMENSIONS SUBJECT TO CHANGE WITHOUT NOTICE.

VS-153-ADA-36 ROUGH-IN DIAGRAM

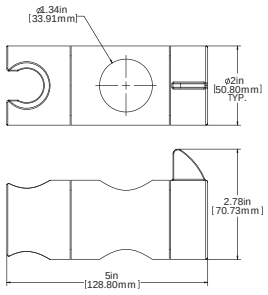
SPEAKMAN®

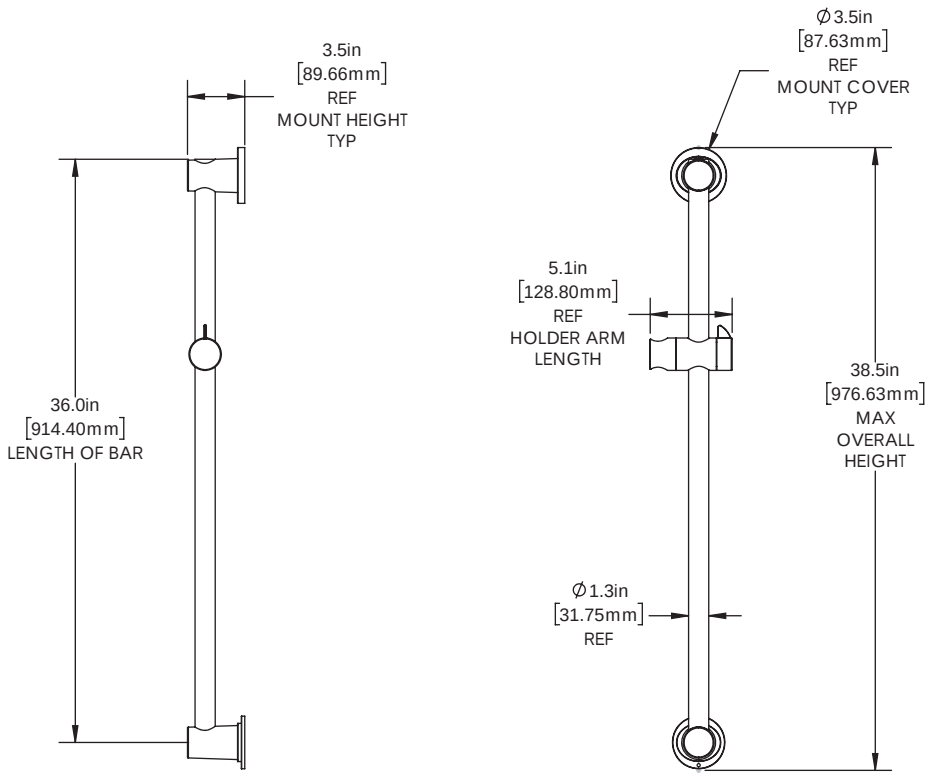
NOTES:

COMPLIANCE:

ADA COMPLIANT

- Meets the ANSI standard 250 lbs. pull-test for grab bars and ADA lever handle for adjusting slide bar.
- The VS-153-ADA Slide Bar meets ADA pull force requirements only. It is not intended to replace an ADA Grab Bar.

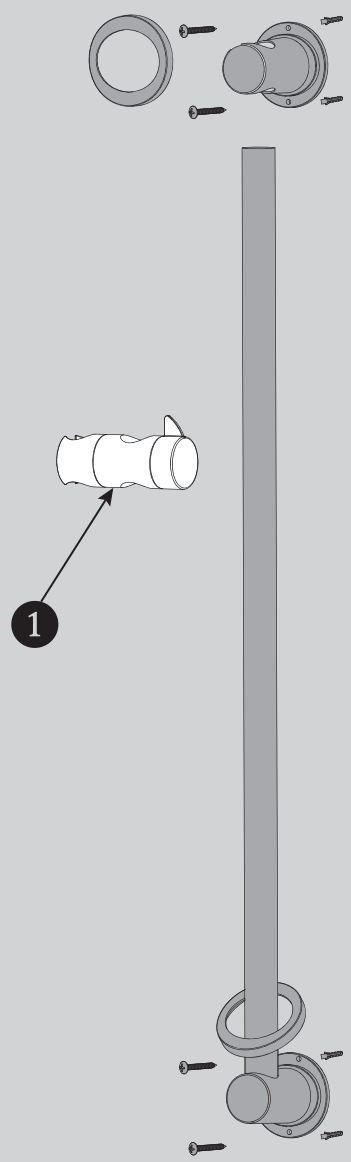




DIMENSIONS SUBJECT TO CHANGE WITHOUT NOTICE.

VS-153-ADA REPAIR PARTS

SPEAKMAN®



ITEM NO.	PART NO.	DESCRIPTION
1	RPG56-0038-XX *XX = FINISH	VS-153-ADA HOLDER REPAIR PART GROUP